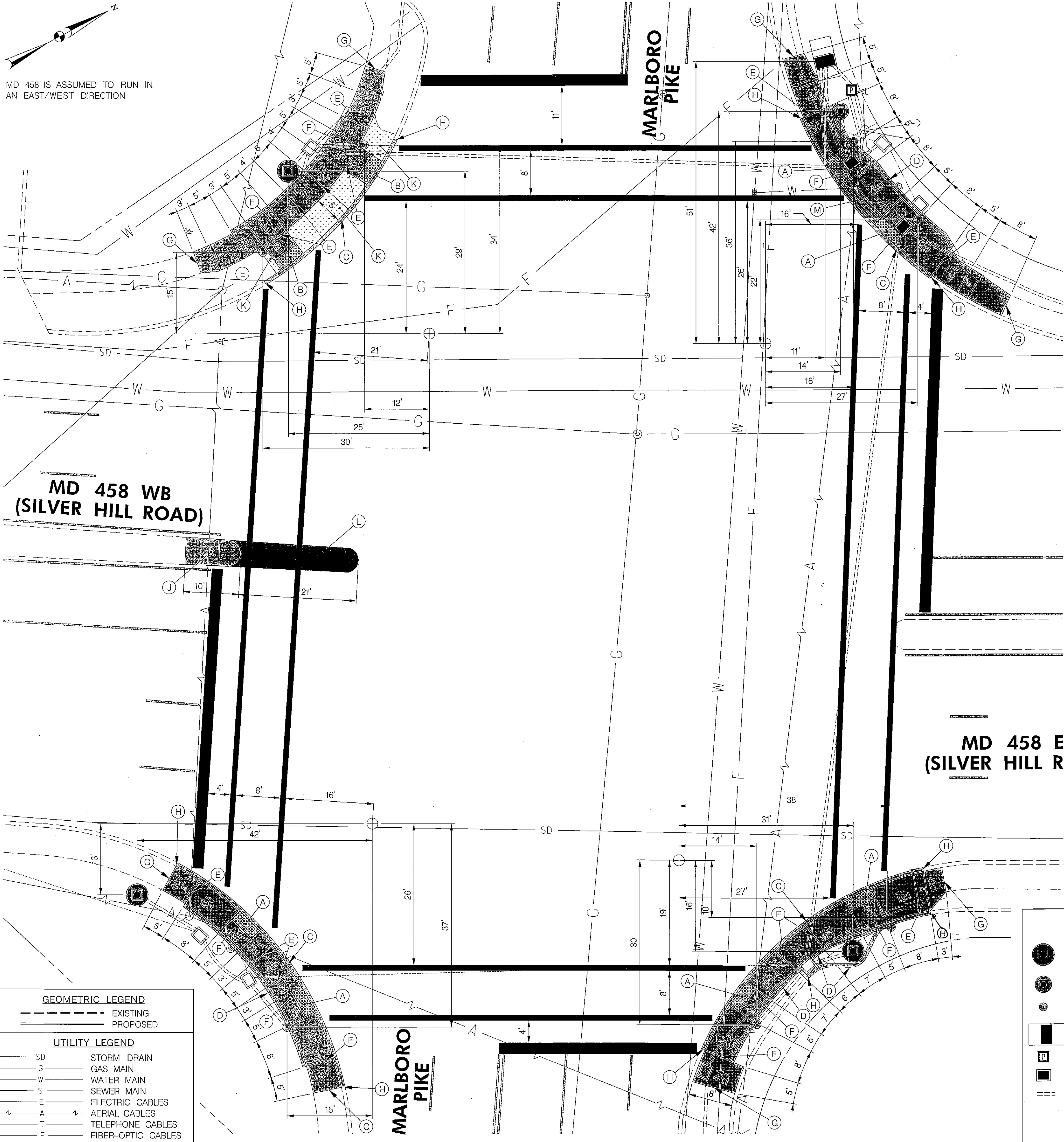


MD 458 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION



APS NOTES:

1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS SILVER HILL AT MARLBORO PIKE

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS SILVER HILL AT MARLBORO PIKE, WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS MARLBORO PIKE AT SILVER HILL

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"WAIT TO CROSS MARLBORO PIKE AT SILVER HILL, WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) WITH A RED DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
B. INSTALL COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13) WITH A RED DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
C. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02). (NOTE: ELEVATION OF CURB TO MATCH SIDEWALK GRADE).
D. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02). (NOTE: ELEVATION OF CURB TO MATCH SIDEWALK GRADE).
E. BEGIN 12:1 RAMP.
F. 48:1 LEVEL LANDING AREA.
G. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
H. TIE NEW CURB TO EXISTING CURB AT JOINT.
J. CUT BACK MEDIAN AND INSTALL MONOLITHIC CONCRETE MEDIAN TYPE A-3 (STANDARD NO. MD 645.01).
K. BACKFILL WITH SEED AND MULCH.
L. REPAVE WHERE EXISTING MEDIAN WAS REMOVED. (SEE ROADWAY PLANS FOR PAVING).
M. INSTALL SLOPED SEPARATION WITH A MINIMUM HEIGHT OF 3" AT MIDPOINT OF CURB. TIE IN TO PROPOSED RAMP.

LEGEND SYMBOL

- 48" SIGNAL POLE FOUNDATION
36" SIGNAL POLE FOUNDATION
18" PED POLE FOUNDATION
'S' SIGNAL CABINET W/PAD
POWER PEDESTAL
HANDHOLE
CONDUIT RUN

GEOMETRIC LEGEND

- EXISTING SIDEWALK / CURB JOINT (APPROXIMATE)
NEW SIDEWALK AND ADA HANDICAP RAMP
NEW CONCRETE
SEED AND MULCH



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 458 (SILVER HILL ROAD) AND
MARLBORO PIKE
SPALDING HEIGHTS, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' ADVERTISED DATE 02/2013 CONTRACT NO. PG7865777

DESIGNED BY DM COUNTY PRINCE GEORGE'S
DRAWN BY DM LOGMILE 16045802.71
CHECKED BY RM TMS NO. K099
F.A.P. NO. TOD NO.

TS NO. 18791 DRAWING SG-22 OF 23 SHEET NO. OF



BRUDIS & ASSOCIATES, INC.
Consulting Engineers
9240 Rumney Road, Suite C
Columbia, Maryland 21045
Phone 410-864-3937
www.brudis.com

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FILE: P:\09-002 TEDO\Task 102 MD 458 @ Marlboro\Drawings\CADD\Working\p5g-P002_MD458@MARLBORO.dgn

BY: lanyong -